CLAIMS:

1. A method for producing a thermoplastic sheet comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the melt polycarbonate is the polymerization product of a dihydric phenol and a diester acid.

2. The method of Claim 1, wherein the thermoplastic sheet is a multiwall thermoplastic sheet.

3. The method of Claim 1, wherein the thermoplastic sheet is a solid thermoplastic sheet.

4. The method of Claim 1, wherein the melt polycarbonate resin has a Fries content of about 50 to about 2000 ppm.

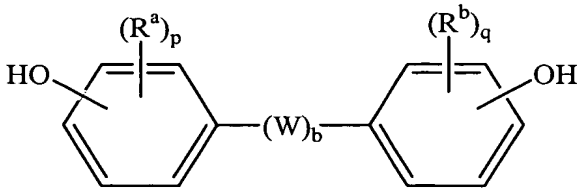
5. The method of Claim 1, wherein the melt polycarbonate resin has a Fries content of about 100 ppm to about 1800 ppm.

6. The method of Claim 1, wherein the melt polycarbonate has a weight average molecular weight of about 20,000 to about 50,000 atomic mass units.

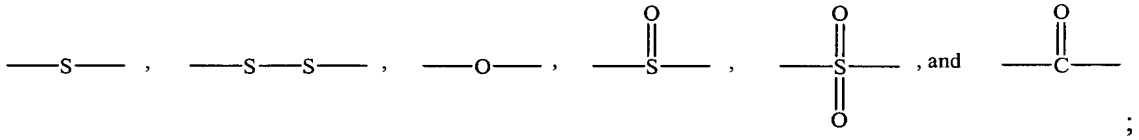
7. The method of Claim 1, wherein the melt polycarbonate has a weight average molecular weight of about 25,000 to about 40,000 atomic mass units.

8. The method of Claim 1, wherein the melt polycarbonate has a weight average molecular weight of about 30,000 to about 35,000 atomic mass units.

9. The method of Claim 1, wherein the dihydric phenol has the formula:

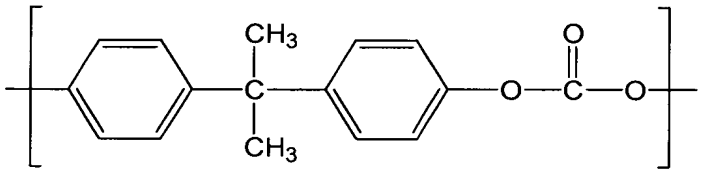


wherein R^a and R^b are each independently selected from halogen, monovalent hydrocarbon, and monovalent hydrocarbonoxy radicals; W is selected from divalent hydrocarbon radicals,



p and q are each independently integers of 0 to 4; and b is 0 or 1.

10. The method of Claim 1, wherein the melt polycarbonate comprises repeating units having the structure:



11. The method of Claim 1, wherein the melt polycarbonate has a melt index ratio of about 1.3 to about 1.7.

12. The method of Claim 1, wherein the composition comprises greater than or equal to about 85 weight percent melt polycarbonate.

13. The method of Claim 1, wherein the composition comprises greater than or equal to about 90 weight percent melt polycarbonate.

14. The method of Claim 1, wherein the composition comprises greater than or equal to about 95 weight percent melt polycarbonate.

15. The method of Claim 1, wherein the composition further comprises an additive selected from the group consisting of heat stabilizers, epoxy compounds, ultraviolet absorbers, mold release agents, colorants, antistatic agents, slipping agents, anti-blocking agents, lubricants, anti-fogging agents, natural oils, synthetic oils, waxes, organic fillers, inorganic fillers, flame retardants, antioxidants, light stabilizers, and combinations comprising at least one of the foregoing additives.

16. The method of Claim 15, wherein the composition comprises at least two additives and the additives are added as a mixture.

17. The method of Claim 15, wherein the composition comprises at least two additives and the additives are added as a compacted blend.

18. The method of Claim 1, wherein the composition comprises less than or equal to about 5 ppm total halogen, based on the weight of the melt polycarbonate.

19. The method of Claim 2, wherein the multiwall thermoplastic sheet comprises a plurality of sections having a relative standard deviation in mass per unit area of less than about 2%.

20. The method of Claim 2, wherein the multiwall thermoplastic sheet comprises a plurality of sections having a maximum relative standard deviation in mass per unit area less than about 4%.

21. The method of Claim 1, further comprising extruding the composition through a melt filter.

22. The method of Claim 21, wherein the composition is extruded at a temperature of about 300 to about 350 °C.

23. A method for producing a thermoplastic sheet comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm; and

extruding the composition through a melt filter;

wherein the melt polycarbonate is the polymerization product of a dihydric phenol and a diester acid, and

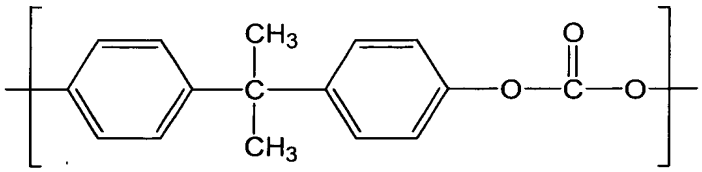
wherein the melt filter has a pore size of about 10 to about 50 micrometers.

24. A method for producing a thermoplastic sheet comprising: extruding a composition comprising greater than or equal to about 90 weight percent melt polycarbonate having a Fries content of about 50 ppm to about 2000 ppm, wherein the melt polycarbonate is the polymerization product of a dihydric phenol and a diester acid, and wherein the melt polycarbonate has a weight average molecular weight of about 25,000 to about 40,000 atomic mass units.

25. The method of Claim 24, wherein the thermoplastic sheet is a multiwall thermoplastic sheet.

26. The method of Claim 24, wherein the thermoplastic sheet is a solid thermoplastic sheet.

27. A method for producing a thermoplastic sheet comprising: extruding a composition comprising greater than or equal to about 95 weight percent melt polycarbonate, having a Fries content of about 100 ppm to about 1800 ppm, wherein the melt polycarbonate is the polymerization product of a dihydric phenol and a diester acid, and wherein the melt polycarbonate has a weight average molecular weight of about 30,000 to about 35,000 atomic mass units, and comprises repeating units having the structure:



28. The method of Claim 27, wherein the thermoplastic sheet is a multiwall thermoplastic sheet.

29. The method of Claim 27, wherein the thermoplastic sheet is a solid thermoplastic sheet.

30. A multiwall thermoplastic sheet made by the method of Claim 2.

31. A multiwall thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the multiwall thermoplastic sheet has a mass per unit area of about 0.5 to about 8 kilograms per square meter.

32. A multiwall thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the multiwall thermoplastic sheet has a thickness of about 2 to about 50 millimeters.

33. A multiwall thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the multiwall thermoplastic sheet has a thickness of about 4 to about 40 millimeters.

34. A multiwall thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the multiwall thermoplastic sheet comprises_a plurality of sections having a maximum relative deviation in mass per unit area less than about 2%.

35. A solid thermoplastic sheet made by the method of Claim 3.

36. A solid thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the solid thermoplastic sheet has a mass per unit area of about 0.5 to about 15 kilograms per square meter.

37. A solid thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the solid thermoplastic sheet has a thickness of about 0.5 to about 15 millimeters.

38. A solid thermoplastic sheet made by a method comprising:

extruding a composition comprising a melt polycarbonate resin having a Fries content of about 10 ppm to about 2000 ppm;

wherein the solid thermoplastic sheet has a thickness of about 1 to about 12 millimeters.